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Mobile phone

Element P470

USER'S MANUAL

EN

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Dear customer,
Thank you for purchasing the full-touch controlled mobile phone. Please read the following user's manual to learn about the main features and operations of this mobile phone.
Element P470 is a smartphone based on the Android open operating system. With the preinstalled apps and apps you can download from the internet, your phone will provide you with a surprising experience not only as a communicator, but also as an entertainment device.
The phone uses Qualcomm® Snapdragon™ Audio technology, significantly improving voice quality. Listening to music and watching films with exceptional sound.
Your new phone is the perfect high performance device with pocket size dimensions. Keep this user's manual for future reference.

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Revision 07/2014

1. Safety instructions

Safety warning

IMPORTANT! Read the following instructions carefully and follow them exactly in the event of dangerous or prohibited use.

Safety while driving

We strongly advise not to use your mobile phone while driving. Use a hands-free kit if you must take a call.
Place the mobile phone firmly into the holder. Do not place it on the passenger seat or other place where it can move and hit something in the event of an accident or sudden braking.

Switch off the mobile phone while on board a plane

The mobile phone signal interferes with plane instruments, hence their use on board a plane is prohibited. Make sure your mobile phone is switched off once you have boarded.

Switch off your mobile phone in areas where detonations take place

You should strictly respect laws and restrictions and switch off your mobile phone in areas where detonations take place.

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Switch off your phone in areas of risk

Switching on mobile phones near petrol stations and areas with chemical substances is prohibited.

Hospitals

Follow the internal rules of the hospital when using a mobile phone in a hospital. Switch off your mobile phone when around medical instruments. Any wireless devices including mobile phones interfere with their operation. Other electronic devices can also be interfered with. In case you have any questions, contact the responsible physician or instrument supplier.

Interference

Any interference caused by wireless devices can have impact performance.

Qualified repair centre

Mobile phone repairs shall only be carried out by qualified repair centres. You risk forfeiting the warranty should you decide to perform repairs yourself.

Accessories and batteries

Use accessories and batteries approved by the manufacturer only.

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Responsible use

The phone shall be used under normal conditions. Do not use the phone in very high temperatures (exceeding 60 degrees Celsius). Do not place the device near a window where it could be exposed to direct sunlight. Use a damp or anti-static towel to clean.

Emergency calls

Make sure the phone is on and is in an area with coverage. To make an emergency call, for example calling 112, dial the emergency line number, state your location, explain your situation and do not hang up until you are asked to do so.

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Note:
Emergency calls may not be available for any phone in case you are in an area with no coverage or the signal experiences interference. Some carriers do not support emergency calls made to the 112 line. Based on this information, communication in urgent situations (e.g. first aid) should not depend on mobile phones. Refer to your mobile phone carrier for more information.
Notice: do not take advantage of emergency calls. The misuse of the emergency number is punishable by law. It can also prevent handling the request of a person in actual need of assistance.

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Notes:
All screenshots in the user's manual are simulated. Actual screenshots, symbols and icons may differ.
Step-by-step procedures can differ from those provided in this manual, depending on the firmware version on the phone. Unless stated otherwise, the home screen is the presumed starting point for all procedures described.
Note regarding the carrier: the phone is configured from the factory to fully utilize available services. Your provider can limit or change some functions, security measures or behaviour of the phone, as opposed to the description in this manual. Ask your provider for any changes.

Battery protection

Battery information:

Do not place the mobile phone battery in places with extremely high or low temperatures. This leads to the battery life being reduced. The battery life of the mobile phone is limited. Should the capacity of the phone battery decrease after using the

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device over a period of time, we recommend purchasing a new battery from an official supplier and replacing it.

Information about battery use:

1. Make sure the phone is switched off before removing the battery.
2. Handle the battery with care. Connecting the positive (+) and negative (-) pole of the battery using a conductive object (e.g. coin or clip) will result in a short-circuit. A short-circuit can damage the battery and the conductive object. Make sure the positive and negative poles are never connected with a conductive object that lies in the vicinity of the battery.
3. Do not throw the battery into a fire and do not expose it to high temperatures.
4. Do not attempt to dismantle or modify the battery.
5. Do not expose the battery to hard impacts or attempt to open the battery with hard objects.
6. The battery should be placed in a cool and dry area away from direct sunlight. The battery should not be exposed to high temperatures (over 60 °C).
7. Stop using the device if you smell an odour coming from the battery or the battery is overheating.

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8. Stop using the device immediately should you discover a crack on the battery, hole in the battery cover of other damage, including leaking electrolyte.
9. If your skin or eyes come into contact with electrolyte, wash them thoroughly with clean water. Soap wash any areas that come into contact with your skin.
10. Use original batteries only to prevent injuries caused by improper charging.
11. Do not use the li-ion battery if the temperature is too low. The battery capacity is reduced at lower temperatures.
12. Do not clean the battery with water or organic dissolving agents and do not immerse in water.
13. If you do not plan to use the battery for a longer period of time, check whether the battery is fully charged.
14. Return dead batteries to the mobile phone manufacturer or recycle it at areas designated for recycling used batteries. Do not throw batteries into the waste bin or freely into nature.

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Cleaning and maintenance

1. Do not place the phone, battery or charger in the bathroom or other places with increased air moisture. Protect the device against rain.
2. Clean the phone, battery and charger with a soft and dry towel.
3. Do not use alcohol, thinner, benzene or other chemical agents to clean the phone.
4. Blocking the phone inputs with dust can lead to a bad contact and data or power transfer. Clean regularly.

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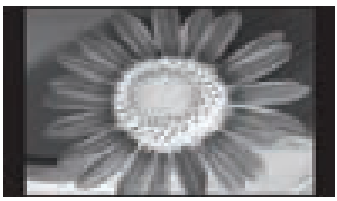
Appendix to the user's manual for the LCD panel

Precautions for displaying static images, red/blue/green/black dots on the screen

A static image can damage the LCD display permanently.



- Do not leave a static image on the LCD panel for more than 2 hours. This may result in a damaged panel. This is referred to as “screen burn-in”.
- Similar LCD panel damage can be caused by the static logo placement of the television station (example).
- Watching television in 4:3 and 14:9 or similar aspect ratios (formats which do not cover the entire display panel) for a longer period of time can leave traces on the right or left edge, or even in the middle of the screen, caused by differences in light emission. Similar damage can also occur for DVD playback or playing video games.
- Displaying a static image from video games or a computer for a longer period of time can result in “image persistence”.

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To prevent this effect, reduce the brightness and contrast levels when displaying static images.

The damage caused by the above-mentioned reasons is not covered by warranty!

Red, blue, green, and black dots may appear on the screen

- This is typical for liquid crystal displays and does not indicate any problems. LCD screens are made using precision technology to provide even the finest image details. Several defective pixels can appear on the screen from time to time, indicated as red, blue, green or black dots (up to 0.001% of the total pixel count of the screen). This does not affect the properties and performance of your device.

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2. Getting started

2.1. Phone overview

2.2. Opening / closing the battery cover

To open, pull up on the bottom left corner of the back cover (where the groove is) and lift the back cover up until all latches are released.

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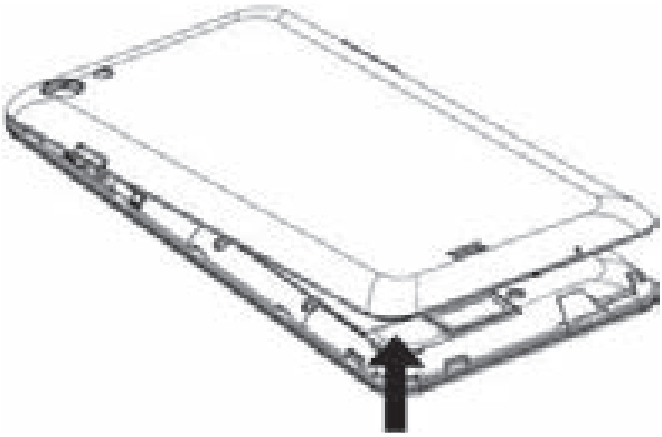

Note: the easiest way to remove the rear cover by lifting the cover until a clipping sound indicates the release of the latch. Place your fingernail in the gap that appears and copy the entire cover until it becomes loose completely.

Notice: before closing the back cover, make sure both SIM card slots are properly shut, the SD card is inserted and that no obstacle is in the way of closing the cover.

To close the cover properly, place the cover on the phone, right side first (volume buttons) and then apply light pressure around the perimeter of the phone and close

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one latch after another precisely in the area of each latch. Make sure there is no gap anywhere along the perimeter of the cover.

Warning: Do not use excessive force when closing. Do not push on any area other than the latch. By doing so could result in damaging other, sensitive parts of your phone, for example, the display. Make sure the back cover is properly closed for it is an important component for storing the device battery.

Note:
If the cover of your phone is not properly secured, the phone may not react properly.

⚠ **Warning:**
Do not use the phone without the back cover!

2.3. Inserting the SIM card

This phone supports the use of two SIM/ USIM cards.

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⚠ Notice:
SIM cards shall only inserted when the phone is completely switched off! Not in "sleep" mode.
If the phone was switched on, switch the device off by holding the POWER button for 2 seconds and selecting the Switch Off option. Wait until the system switches off completely.

The phone has two mutually adjacent slots for MicroSIM format cards. Both can be used for calling, sending text messages and data. Release the metal SIM card cover by slightly shifting it to the left for the left slot and to the right for the right slot. Pull the cover up. (Use pictures for orientation). Enter the SIM card into the slot with the correct orientation. Shut the metal slot cover and secure it by pushing it the direction opposite for releasing. To the right for the left slot and to the left for the right slot. The SIM card(s) is/are now ready for use.

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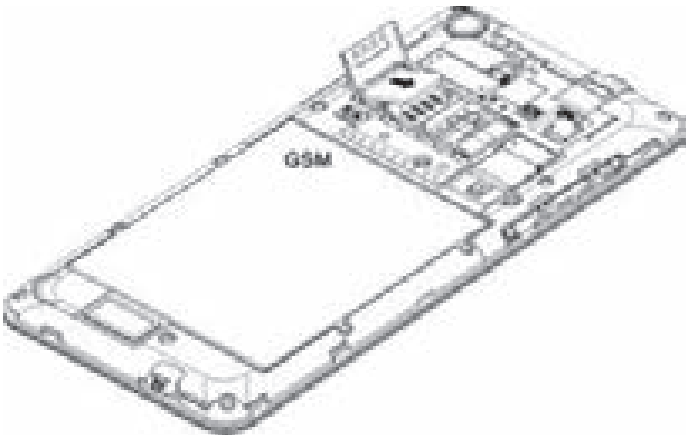
Note:
Before switching the phone on, make sure at least one SIM / USIM card is inserted into the relevant slot, otherwise you will not be able to use the phone for calling, sending text messages and using other network services. The phone will inform you about this.

⚠ Notice:
Using two SIM/USIM cards drains the battery quicker than using one.



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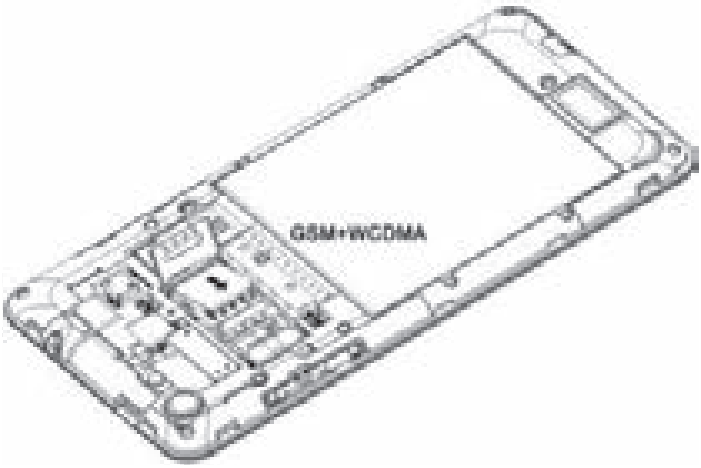
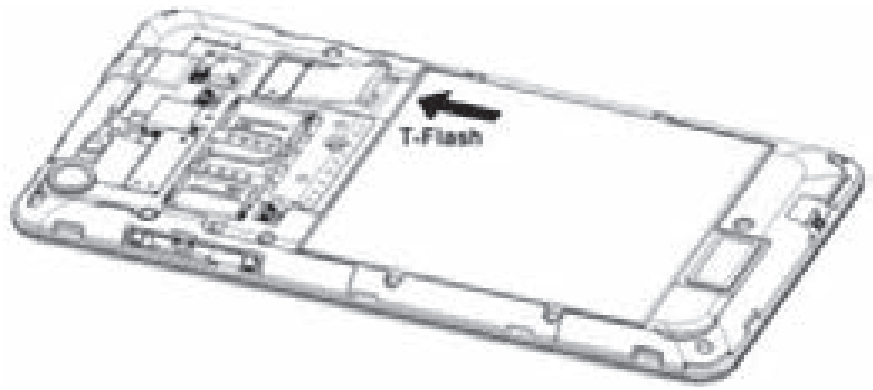


2.4. Inserting a memory card

Insert a MicroSD memory card into the memory card slot (T-Flash, MicroSD, µSD) and gently push it in all the way.



Note:
If the contents of the storage card could not be loaded properly, make sure the card is properly inserted (contacts facing down and touching the metal pins).

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2.5. Charging the battery

The battery can be charged using the charger via the supplied USB cable. The battery can also be charged by connecting the phone with your PC via USB port.

Note:
In the interest of ensuring reliable phone operation, make sure you are using a charger recommended by the manufacturer.

For best charging results, charge the battery non-stop until full (100 %), and do not charge until you receive the first low battery notice (15 % or lower). After you receive the notice, charge the battery. This way you can achieve the longest battery service life.

2.6. ON / OFF

With the phone powered off, press the "ON/OFF" button on the right side of the phone for 2 seconds to switch the phone on. With the phone powered on, press the "ON/OFF" button for 2 seconds to switch the phone off. The phone activates all systems and once this is complete, the SIM card security procedure is launched along with the phone itself as setup by the manufacturer.

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2.7. Security

A series of passwords set in your mobile phone and SIM card can prevent the unauthorized use of your mobile phone and SIM card.

SIM card PIN code:

The PIN code (personal identification number, 4–8 digits) is used to prevent the unauthorized use of your SIM card. If PIN verification is active, you will be prompted to enter your PIN code each time you power on your device. The SIM card will be blocked after three incorrect attempts at entering the PIN code. The following instructions will show you how to unlock the SIM card:

1) Enter the correct PUK code into the field displayed to unlock the SIM card.
2) Enter the new PIN code and confirm.
3) If you are prompted to re-enter the new PIN code, re-enter the new PIN code and confirm.
4) If the PUK code is correct, the SIM card will be unlocked and the new PIN code will be activated.

Attention: The SIM card will automatically be locked after three incorrect attempts at entering the PIN code. In this case you will

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have to use the PUK code to unblock the card. The PUK code is kept with the network carrier.

PUK code:

The PUK code (PIN unlock number, 8 digits) is used to unlock the SIM card after entering an incorrect PIN code. The PUK code is provided by the phone carrier together with the SIM card. If you enter the PUK code incorrectly ten times in a row, the SIM card will be invalidated. Request a new SIM card from your carrier.

PIN2 code:

The PIN2 code (4–8 digits) is used together with the SIM card to configure fixed options and other features. Refer to your carrier and check whether your SIM card supports this feature. The PIN2 code will be blocked after three incorrect attempts at entering the PIN2 code. The following instructions will show you how to unlock the SIM card:

1) Enter the correct PUK2 code into the field displayed to unlock the PIN2 code.
2) Enter the new PIN2 code and confirm.
3) If you are prompted to re-enter the new PIN2 code, re-enter the new PIN2 code and confirm.

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PUK2 code:

The PUK2 code (password for unlocking the PIN2 code, 8 digits) is used to unlock a locked PIN2 code. The PUK2 code is provided by the phone carrier together with the SIM card. If you were not provided a PUK2 code, refer to your phone carrier. If you entered the PUK2 incorrectly ten times, you will not be able to use the PUK2 code features. To use these features, request a new SIM card from your carrier.

Notice: ensure you enter the right code for the right SIM card when entering the code. The code is the number or slot ID indicated by the phone. Look out for this notice.
The right slot is identified SIM1, the left slot is identified SIM2.

Note: the new SIM card is secured by the carrier and described in the included documentation. The carrier allows changing or disabling some of the security elements (usually the PIN code). Look out for information from your carrier.

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Note: if you insert a new SIM card into the phone and this card contains enough information to identify the card, the phone will detect the card and provide you the information, or setup certain features.

Phone (display) lock:

Factory settings include basic security features that prevent the phone switching on unwanted, a sliding SW switch on the screen.
Each time the phone wakes up, the switch with a locked lock symbol is displayed.
Tap the screen and move the switch in the direction of the newly displayed lock symbol.
This basic security feature can be changed or replaced with another, higher or more complex version. Under Settings you can select, for example, PIN code gesture, password etc.

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Note:
Choose a good security method with respect to both strength preventing misuse and to making your phone easier to use. Remember that more complex security methods can make the everyday use of your phone more difficult and with it also carry the risk of having your phone blocked (e.g. forgotten password).

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3. Basic controls and features

3.1. Using the touchscreen display

The touchscreen display offers an unprecedented amount of options how to control the phone and apps on the phone. Become familiar with various types of gestures and corresponding system responses, allowing you to utilize the full potential of your phone and prevent inaccurate control (touching an undesired element etc.). The capacitive touch layer is designed for human touch, on the other hand, the phone cannot be controlled, for example, while wearing gloves.

Touch: To start an application, set icons and options, write characters and symbols using the on-screen keyboard or press a button on the screen, tap the screen in the desired area gently and after making brief contact with the screen, lift your finger.

Long press: Touch the desired point of the display with your finger and leave your finger on the display for approx. 2 seconds. This will display a pop-up window containing special options or will activate a special feature.

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Swipe: Tap the screen with your finger and move it along the surface of the screen without lifting to move sliders, switch screens and other contents shown on the screen.

Quick swipe: Swipe quickly and release your finger to browse through a list or move quickly through the touchscreen. If you are moving through a long list, you can stop the quick swipe action by touching the screen again.

Pinch: With some apps (e.g. Maps, Browser and Gallery), you can zoom in and out by placing two fingers on the screen at the same time. To zoom in, push the fingers away from each other, to zoom out, bring the fingers closer together.

3.2. Button functions

ON/OFF button: Press and hold the button to open the menu, where you can switch the phone off, restart, set to "airplane mode", deactivate silent mode, set vibration mode or standard mode.

Volume control button: Press the volume control button to set the ringtone volume (on the home screen) or the speaker volume

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(during a call). Press the volume control button to disable the ringtone for incoming calls.

Menu button: Opens the menu with items having affect on the current screen or app settings. To exit an app, or do something else, and provided the respective button is not displayed on the screen, press the Menu button.

Home button: Press the Home button to close the menu or app and return to the home screen. On the home screen, press and hole the Home button to display the recently used apps, and then tap the app to open.

Back button: Opens the previous screen which you were on. If the on-screen keyboard was enabled, it is closed.

3.3. Home screen and main menu

The home screen will appear after switching on the phone. It is the default location for accessing all phone features, displaying app icons, widgets, links and other features. You can modify the home screen by changing the wallpaper and the positioning of any given element.

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On the home screen, tap **Menu** to enter the main menu on the screen, where all apps installed on the phone are displayed.

3.4. Locking and switching off the display

The duration after which the display is switched off can be configured under **Settings → Display → Sleep mode**. Pressing the ON/OFF button shortly will switch the display back on again.
If the ON/OFF button is not pressed within 5 seconds after the display is switched off, the screen will lock. There are 5 different ways how to unlock the screen depending on the configuration under **Settings → Security → Screen lock**. No lock is set by default.

3.5. Using the touch keyboard

Text can be entered via the on-screen keyboard. Some apps open the on-screen keyboard automatically, others require tapping the text field in which you would like to enter text. The keyboard is then opened.
If you have entered an app with a different keyboard, this keyboard shall first be activated under **Settings → Language and Keyboard**.

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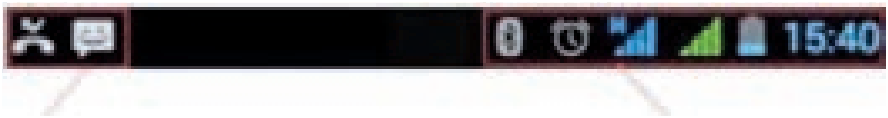
3.6. Notification bar

The notification (status) bar is found in the top part of every screen. It contains notification icons (on the left side), phone status icons (on the right side), programmes running in the background and the current time.



Notification Status

	Charged battery		Battery is partially depleted
	Empty battery		Low battery
	Battery charging		No signal
	Signal strength		3G active
	EDGE active		Silent mode
	Vibration mode		Mute microphone
	Speaker On		Alarm settings
	Airplane mode		

Notifications

	New text or multi-media message		New Gmail message
	Missed calls		Active call
	Call on hold		Call forwarding active
	Drop call active		Screen capture
	Radio active		Event coming up

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	GPS active		Playback
	USB tuning connected		Phone connected via USB cable
	Loading data		Downloading data
	New e-mail		Headphone jack

Apps installed on your phone can place their own icons into the notification bar.

Opening the notification bar:

Pull down the top (notification+status) bar using **one** finger from the top edge of the screen.

The icon for toggling between the notification screen and status screen (with descriptions) is located on the top right.

You can navigate to the status screen directly from the home screen by pulling down on the top bar with **two** fingers.

3.7. Using sensors

The proximity sensor determines how close an object is to the screen surface. This feature is usually used to detect when your face is by the screen, for example, during a phone call. (While you are talking into the phone, the sensor detects the call and locks the keyboard to prevent the random pressing of buttons, and switches off the screen to save the battery).

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A light sensor adapts the brightness/contrast level of the display to the ambient lighting conditions.

The gravity sensor detects the orientation of your phone and reacts to events depending on the app running.
The screen orientation changes when using some features. To set the interface for maintaining the screen orientation, choose **Settings → Display → Automatic screen orientation**.
It reacts to changing angles due to the force of gravity in real time. It is typically used in games.
It reacts to your actions, such as tilting the device in some apps.

3.8. Connectivity

PC connection:

- You can connect the phone to the computer via USB data cable. Data sync can be carried out with the phone connected to the PC using a designated tool installed on the computer, which can be downloaded from Google Play or Android Market, and which can directly transmit data to and from the device (e.g. SnapPea for Windows and Android).

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- Data from the SD card, such as music, pictures and other files, may also be transferred to the computer via USB cable. Follow these 4 steps to initiate the transfer:
  1. Use the included cable to connect the phone and USB port (a notification message will inform you that the USB device is connected in charging mode).
  2. Open the notification panel and tap Connection in charging mode.
  3. Add memory by selecting SD card connection (the card and internal storage memory will no longer be available to the phone system and will connect to the computer system).
  4. You can initiate file transferring for each app of the computer operating system, as soon as the computer recognizes the SD card and phone memory and assigns disk names for the two.

Note:
Access to your phone is controlled by a computer system, however, access rights are controlled by the phone itself.

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Bluetooth

Bluetooth technology enables connecting to another Bluetooth device within a vicinity of 10 metres via radio waves. Bluetooth technology facilitates:

- File transfers between Bluetooth supported devices.
- Sharing multimedia files between Bluetooth supported devices.
- Remote controlling Bluetooth supported devices.
- Connecting to the computer to connect to the internet.

Before using the Bluetooth feature, it must be activated under **Settings → Bluetooth**. Pairing with other devices can be carried out under **Settings → Bluetooth settings → Search devices**. Select the device you wish to connect to from the list of devices found.

Wi-Fi

Wi-Fi™ technology enables establishing a wireless connection to the internet. Connecting to the internet is possible at home (personal networks) and in public (hotspots):

- Personal networks – usually protected. The owner of the network requires entering a password or key.

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- Hotspots – usually unprotected. Hotspots occasionally require a simple login to access the hotspot provider's services.

The following steps are used to activate Wi-Fi:

- Navigate to **Settings → Wi-Fi**. (The phone will begin to search available Wi-Fi networks and display a list of those you can connect to. Protected networks are identified with a lock icon. If the phone recognizes a network you have already connected to in the past, it will automatically attempt to reconnect to this network.)
- To connect to a newly established Wi-Fi network, tap the network name under **Settings → Wi-Fi**.

The preferred method of connecting to the internet can be configured under **Settings → Other → Mobile networks → Network settings**.

Mobile data

The phone is usually setup for receiving mobile data based on the SIM card setup. Should the connection not immediately work, it helps to verify with your carrier that the service is activated for the given SIM

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card and while you are at it, to also verify the phone settings according to the carrier's recommendation.

Enabling data

1. Tap **Apps → Settings**.
2. Under DEVICES tap **Dual SIM Settings → Mobile data**.
3. Tap on the desired mobile carrier (the card on top is in slot SIM1, the card below is in slot SIM2) to enable data services from the respective card.

Data service settings

1. Tap **Apps → Settings**.
2. Under WIRELESS & NETWORKS, tap **More → Mobile data transfers**.
3. Check or change the settings for each SIM slot:
   Network mode – enable high speed data (3G) on the card you plan on using.

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Note:
Quick data transfers, in principle, require greater signal strength than slower transfers (2G). This essentially means that the speed can vary based on the current signal strength and the battery can be depleted quicker. For best battery life results, select 2G data for both slots. By enabling 3G data, the phone attempts to transfer the highest speed possible and monitors the signal from the mobile network base station. Symbols (H+, 3G, E - descending data network speeds) and the corresponding signal strength can be shown by the signal icon for the given card. For example, the highest speed H+ accompanied by a weak signal will result in the phone switching to a lower speed, increasing the signal strength because the given speed will suffice for a lower field intensity.

Access point names – contain mobile network parameters allowing the phone to successfully received data. The mobile phone automatically reads access points from the SIM card. For this reason we ask

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that you do not change the access point settings. Otherwise the network connection might not function properly.
If you delete or change the network access point, you can create a new access point or update the existing access point. To do so you will need detailed information from your carrier.

Data roaming – using your phone within an international network is usually charged with an increased rate. This setting is disabled by default but can be enabled if you really need to used data abroad. (This also affects MMS messages).

Note:
Each running system consumes power. Switch off systems you are not currently using (Bluetooth, WiFi, mobile data, GPS, etc.). This extends the battery life of your phone.

3.9. Storage

There are 2 types of user memories for storing data in the phone. Storing into the internal phone memory and storing on to the SD card.

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The internal phone memory is primarily used for installing apps (see Installing Apps) and other information, user data can be stored in the external storage (Phone Storage). Application programmes and other data downloaded from the internet or transferred from other devices, photos, videos or other records are stored in the external storage. Some files, accessible by apps, such as music, photos, videos etc., shall be stored on the SD memory card or external storage. Apps can also be installed on the SD card (see app installation).

3.10. Contacts

Contacts provides quick and easy access to people you wish to contact. When switching the phone on for the first time and signing in to your Google account, all existing Google contacts are downloaded to your phone. Your contacts are then synchronized: any changes made to your contacts in the phone or on the web are automatically synchronized upon your next sign in. Exchange ActiveSync contacts are also synchronized in the same manner.
Contact information is shared among other apps such as Gmail, Messaging etc.

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If you have more than one account with contact information, duplicate contacts will be joined into a single item. This process can also be managed manually.

3.11. Calling

Making a call

- Tap on the call icon on the home screen or on the screen by "dialling" the numbers directly.
- Select a contact and press .
- Other apps such as Messaging (SMS and MMS), in the call registry, also show a menu which allow the user to make a call.

Note:
If you have two active SIM cards in your phone and would like to make a call, you can decide on which card will be used to make the call. The cards are identified 1 and 2, or distinguished by colour, provided you chose from the available colours under Dual SIM Setup.
This option is available under contacts in the recent calls list and direct calling.

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The phone will normally ask which SIM card shall be used to make a call. If you prefer one SIM card for calling and do not want the phone to ask, specify this SIM under: Settings/Dual SIM Settings/Voice. By selecting Always ask you can bring this question back when making normal calls.

Answer/ignore a call

To answer a call, swipe the icon to the right until you reach the green icon . To ignore a call, swipe the icon to the left until you reach the red icon .

During a call, you can press the side button to adjust the volume, tap on the icon on the bottom of the display to open the numerical keyboard or tap on the icon to adjust the sound etc.

3.12. Sending messages

Text messages (SMS) and multimedia messages (MMS) can be used to communicate with your friends.

Text messages (SMS) can be sent up to 160 characters long. If you exceed the limit of characters, your message will automatically be divided into two or more messages.

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Multimedia messages (MMS) can contain text and a picture, recorded sound, music file, video or image presentation.
Messages will automatically be converted into multimedia messages if they are sent to an e-mail address, a subject is added instead of a phone number or a multimedia file is attached.

Note:
Multimedia messages (MMS) are sent through a different channel than text messages (SMS). To send and receive multimedia messages, you must have messaging activated with the carrier for the respective SIM card, an active data plan with your carrier and mobile data transfers must be enabled on your phone.

Tap in the main menu to access messages.
When you receive a new message, it will be displayed on the status bar . Pull down the status bar and tap the message to read.

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3.13. Multimedia

The Camera is a combination of a camera and camcorder for creating and sharing photos and videos. Photos and videos are stored on the SD card or phone memory.

The Gallery is used to view pictures and videos captured using the camera or copied to your SD card. Photos can be edited and set to be used as wallpaper or contact photos.

Music – the folder contains all audio files stored on your SD card or on your phone.

Video – the folder contains all video files stored on your SD card or on your phone.

3.14. Apps

Your phone can be extended by installing additional apps to the Android operating system. These apps can be downloaded from the internet, from sites such as Google Play. Free apps, apps with advertisements or paid apps are available. Read the information provided along with each app.

There are 3 ways to install an app to your phone:

- Direct download from the internet. This is the most popular and practical way with respect to maintaining your app up

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to date. When the download process is finished, select the app from the list of downloads to install it to the phone.
Note: The installation method depends on the type of browser.

- Download an app to your local PC hard drive and install it from your PC to your phone using a suitable app, e.g. SnapPea.
- If you have a file manager installed on you phone (usually preinstalled), you can transfer or download applications to the SD card. Find the app you would like to download and tap on this app.
Note: Installing apps downloaded from sources other than Google Play requires having this option enabled under **Settings → Security → Allow installation of apps from unknown sources**.

⚠ Notice:
Apps downloaded from the internet may come from various sources. To protect your mobile phone and personal data, only download applications from verified sources.

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App management:
Navigate to **Settings → Applications → Manage Applications** to access all apps. Tap on a specific app in the list to enter the selected app. The intro screen will display information about the given app together with the control buttons.

Force quit to quit an app without previous confirmation.

Uninstall an app you no longer use to free up storage space for other data / apps.

Delete data – deletes user data such as accounts, databases, settings etc.

Move to SD card / phone – moves apps installed on the phone / SD card to the SD card / phone memory.

Delete cache – deletes temporarily stored app data from the phone.

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Note:
Running apps (some can be launched during startup without you knowing) can consume more battery. Check running apps if the battery life is short, despite the fact that the service life of the battery has not yet expired. This especially applies to apps which you installed yourself. Close and exit apps which you are not currently using. Or uninstall them. Refer to a professional if you are not sure how to do this.

3.15. GPS

The built-in GPS receiver (Global Positioning System) can be used to find the spot you are looking for. The accuracy of determining the spot particularly depends on the number of GPS system satellite signal, the highest signal being outside. High buildings in the area, natural obstacles, trees, etc. lower the accuracy or prevent pinpointing the location completely.
This function requires installing an app with GPS support, for example, Google Maps.

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4. Q&A

Bad signal. Low signal strength. Call is breaking up.	Area with bad reception (between large buildings or trees, inside some buildings) Area with bad reception (radio interference or industrial interference) Large distance from base stations (“transmitters”)	Move as far as possible away from the area with bad reception. Change the area for receiving the call to be closer to the base station.
Echoes during the call or noise	The provider's network is currently experiencing technical difficulties or is congested.	Try hanging up and calling again.
Network connection error.	Weak reception, SIM provider network does not have coverage.	Choose a different area.
SIM error	The SIM card is damaged or inserted incorrectly. SIM card contacts are dirty.	Check that the SIM card is inserted correctly or have it checked. Carefully clean the SIM card contacts.

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Calls cannot be made	Calls are blocked by the phone or provider (prepaid service). Limited calling only to certain numbers.	Make sure the service on the SIM card is active. Check the limited calling options on the phone.
A previously entered contact is missing.	Contact list restricted to SIM or phone only on. Filtering active.	Switch between SIM or phone contacts, cancel filter.
Cannot create new contact or save a number.	The contact area on the SIM or phone is full.	Check the free space, switch between SIM and phone, delete some contacts.
A specific provider service cannot be activated.	Services can be unavailable according to location or in general. The service may be paid.	Make sure your provider offers the service in your location. Check that you have prepaid the respective service.
Bad software or app functionality	The software or app is damaged, incorrectly configured.	Check settings. Restart the app. Backup your data and return to factory settings of the app, or reinstall the app.

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Bad system component functionality	The system is damaged or incorrectly configured.	Check settings. Restart the phone. Backup your data and return to factory settings, or have and authorized repair centre re-install the entire phone system.
The battery will not charge.	Damaged cable. Charging in freezing or very high temperatures. Damaged power adapter or battery.	Use a different, new cable. For best results, charge at room temperature or between 0 °C – 40 °C. Have an authorized repair centre replace your adapter or battery.

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The battery life for operating the phone or standby period is too short.	The battery was not fully charged. The battery service life has expired. The phone is in an area will no signal coverage.	Charge the battery completely. Have an authorized service centre replace a dead battery. A phone that intensively searches for signal consumes more energy.

Important notes:

1) Backup important and personal data before any installation, changes to the system or its components, or hardware changes.
2) We recommend backing up on a regular basis to avoid losing important and personal data in case the phone is damaged or lost.
3) Keep your password, PIN and other security codes a secret to prevent the misuse of personal data.

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5. Technical specifications

Model name	Element P470	
Processor	Processor type	Quad-Core ARM Cortex A7 1.2GHz QDSP6V5 700MHz for Multimedia processor QDSP6V5 500MHz for Modem
Network	Mobile network bands	GSM 850/900/1800/ 1900 MHz WCDMA 900/ 2100 MHz
	Mobile networks	GSM/GPRS/EDGE WCDMA R99, Rel 5 HSDPA, Rel 6 HSUPA,Rel 7 HSPA+,Rel 8 DC-HSPA+
	Dual-SIM	Yes
3D networks	3G network transfer speed	DC-HSPA+ 42 MB/s; HSUPA 5.76 MB/s
Processor name		Qualcomm:MSM8212
Memory	On-board memory	ROM: 4 GB RAM: 1 GB
	Extended memory (SD, MicroSD etc.)	T-Flash card
	Maximum memory card capacity	32 GB
Sensors	Zoom sensor	Yes
	Light sensor	Yes
	Accelerometer	Yes
	Compass	Yes

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Connectivity	Bluetooth version	BT4.0+EDR+A2DP
	USB version and speed	USB 2.0
	WiFi	IEEE 802.11b/g/n wireless
	NFC	No
	Charging	MicroUSB
FM radio	FM	Yes (FM 87.5–108 MHz)
Input device	Touchscreen	Yes, capacity multi-touch control
	Side buttons (volume control)	Yes
	Other buttons	Main switch
Display	Main display, dimensions, resolution and colour range	4.7" HD (1280 x 720)
	Display design	OGS
Camera	Camera chip	CMOS
	Front camera	2.0 MP FF
	Back camera	8.0 MP AF
	Auto-focus	Yes
	Flash	LED
Battery	Battery capacity	1750 mAh
	Standby time	Single card: 360 hours; dual card: 180 hours
Design parameters	Description	Flat, full-touchscreen
	Dimensions	135.8 × 67.2 × 7.2 mm

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Specific functions	GPS navigation	GPS/AGPS/Glonass
	Speaker	Yes
	IM communication	Third party software support only
	E-mail	POP, IMAP, SMTP, AOL and GMAIL protocols
	Maps	Third party software support only
	Games	Third party software support only
	Recording	Yes
Platform	Operation system	Android 4.3
JAVA		No
SMS	SMS message storage capacity	Depends on the storage size
	Network services	Yes
Internet	WAP	Yes
	www	Yes
Organization and adaptation	Calendar	Yes (supports synchro-nization with Google Calendar)
	Notes	Yes
	Reminders	Yes
	Alarm	Yes
	Calculator	Yes
	Currency converter	Yes
	Audio recording	Yes
	Stopwatches	Yes
	Vibration	Yes
	Wallpaper	Yes
	Ringtones	Yes
	World time zones	Yes
	Airplane mode	Yes
	E-book reader	Yes

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File format	Ringtone formats	MP3, AAC, AAC+
	Picture formats	JPG, BMP, PNG
	Music file formats	PCM, MP3, AAC, AAC+, eAAC+, MIDI
	Audio encoder	AAC, AMR, PCM
	Video decoder	H.264, MPEG-4, H.263, WMV-9
	Video encoder	H.264, MPEG-4, H.263
Accessories	Memory card	No
	Headphones	Yes, 3.5 mm audio jack
	USB data cable	Yes
	Charger	Yes
	Quick guide	Yes

The above given specifications can change without prior notice.
The CE symbol shown on the unit, in the user's manual and on the package indicates the unit meets the basic requirements of guideline R&TTE, 1995/5/EC, Guideline for low voltage 73/23/EEC. The declaration of conformity can be found at www.sencor.cz.

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INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

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For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE This appliance complies with EU rules and regulations regarding electromagnetic and electrical safety.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

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SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.
This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.

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- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit **www.sencor.eu** for detailed information about authorized service centers.

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